

6.0 LITERATURE CITED

- Burnham, K. P., D. R. Anderson, G. C. White, C. Brownie, and K. H. Pollock. 1987. Design and analysis methods for fish survival experiments based on release-recapture. American Fisheries Society Monograph 5, Bethesda, MD.
- Cramer, F. K., and R. C. Oligher. 1964. Passing fish through hydraulic turbines. Trans. Amer. Fish. Soc. 93:243-259.
- Dawley, E. W., R. D. Ledgerwood, L. G. Gilbreath, P. J. Bentley, and S. J. Grabowski. 1993. Do bypass systems protect juvenile salmonids at dams? Pages 161-168. In K. Bates (ed.). Proc. Symp. Fish Passage Policy and Technology, Bioengg. Section, Amer. Fish. Soc., Portland, OR.
- Eicher Associates, Inc. 1987. Turbine-related fish mortality: review and evaluation of studies. Research Project 2694-4. EPRI, Electric Power Research Institute, Palo Alto, CA.
- Electric Power Research Institute (EPRI). 1992. Fish entrainment and turbine mortality: review and guidelines. EPRI TR-101231. Project 2694-01. Palo Alto, CA.
- Ferguson, J. W. 1993. Improving survival through turbines. Hydro Review 12(2):54-61.
- Heinle, D. R., and F. W. Olson. 1981. Survival of juvenile coho salmon passing through the spillway at Rocky Reach Dam. Report prepared for Chelan County Public Utility District No. 1, Wenatchee, WA.
- Heisey, P. G., D. Mathur, and T. Rineer. 1992. A reliable tag-recapture technique for estimating turbine passage survival: application to young-of-the-year American shad (*Alosa sapidissima*). Can. Jour. Fish. Aquat. Sci. 49:1826-1834.
- Heisey, P. G., D. Mathur, and G. A. Nardacci, and M. Anderson. 1993. Survival of Atlantic salmon smolts in passage through ice-log sluices by the HI-Z Turb'N Tag. Proc. ASCE Hydraulics Engg. Conf., San Francisco, CA.
- Hudson, D. J. 1971. Interval estimation from the likelihood function. J. R. Stat. Soc. B. 33:256-262.
- Johnsen, R. C., and E. M. Dawley. 1974. Final report: The effect of spillway flow deflectors at Bonneville Dam on the total gas supersaturation and survival of juvenile salmon. National Marine Fisheries Services, Seattle, WA.
- Ledgerwood, R. D., E. M. Dawley, L. G. Gilbreath, P. J. Bentley, B. P. Sandford, and M. H. Schiewe. 1990. Relative survival of sub-yearling chinook salmon which have passed Bonneville Dam via the spillway or the second powerhouse turbines or bypass system in 1989, with comparisons to 1987 and 1988. Report to U.S. Army Corps. Engg. Contract E85890024/E86890097, 64p+Appendices. (Available from Northwest Fisheries Center, 2725 Montlake Blvd. E., Seattle, WA 98112).

- Long, C. W., W. M. Marquette, and F. J. Ossiander. 1972. Survival of fingerlings passing through a perforated bulkhead and modified spillway at Lower Monumental Dam, April through May 1972. Progress report, National Marine Fisheries Service, Seattle, WA.
- Long, C. W., F. J. Ossiander, T. R. Ruehle, and G. M. Matthews. 1975. Survival of coho salmon fingerlings passing through operating turbines with and without perforated bulkheads and of steelhead trout fingerlings passing through spillways with and without a flow deflector. Final progress report to the U. S. Army Corps of Engineers, National Marine Fisheries Service, Seattle, WA.
- Mathur, D., P. G. Heisey, and D. A. Robinson. 1994. Turbine-passage mortality of juvenile American shad in passage through a low-head hydroelectric dam. *Trans. Am. Fish. Soc.* 123:108-111.
- Mathur, D., P. G. Heisey, E. T. Euston, J. R. Skalski, and S. Hays. 1996a. Turbine passage survival of yearling fall chinook salmon (*Oncorhynchus tshawytscha*) at a Columbia River dam. *Can. Jour. Fish. Aquat. Sci.* (In press).
- Mathur, D., P. G. Heisey, K. J. McGrath, and T. R. Tatham. 1996b. Juvenile blueback herring (*Alosa aestivalis*) survival via turbine and spillway. *Water Res. Bull.* 32: 155-161.
- Normandeau Associates. 1995. The Vernon bypass fish tube: Evaluation of injuries and survival of Atlantic salmon smolts. Prepared for New England Power Company, Westborough, MA.
- Normandeau Associates, John R. Skalski, and Mid Columbia Consulting. 1995. Turbine passage survival of juvenile chinook salmon (*Oncorhynchus tshawytscha*) at Lower Granite Dam, Snake River, Washington. Prepared for U.S. Army Corps Engineers, Walla Walla, Washington.
- Normandeau Associates, J. R. Skalski, and Mid Columbia Consulting. 1996. Potential effects of modified spillways on fish condition and survival at The Dalles Dam, Columbia River. Prepared for Department of the Army, Portland District COE, Portland, OR.
- Olson, F. W., and V. W. Kaczynski. 1980. Survival of downstream migrant coho salmon and steelhead trout through bulb turbines. Report prepared for Public Utility District No. 1 of Chelan County, Wenatchee, Washington. 45p.+Appendices.
- Ricker, W. E. 1975. Computation and interpretation of biological statistics of fish populations. *Fish. Res. Bd. Can. Bull.* 191:382p.
- RMC, and J. R. Skalski. 1994a. Survival of yearling fall chinook salmon smolts (*Oncorhynchus tshawytscha*) in passage through a Kaplan turbine at the Rocky Reach hydroelectric dam, Washington. Prepared for Public Utility District No. 1 of Chelan County, Wenatchee, Washington.
- RMC, and J. R. Skalski. 1994b. Survival of juvenile fall chinook salmon (*Oncorhynchus tshawytscha*) in passage through a fixed blade Kaplan turbine at the Rocky Reach Dam, Washington. Prepared for Public Utility District No. 1 of Chelan County, Wenatchee, WA.

- RMC, Mid Columbia Consulting, Inc., and J. R. Skalski. 1994. Turbine passage survival of spring migrant chinook salmon (*Oncorhynchus tshawytscha*) at Lower Granite Dam, Snake River, Washington. Prepared for Department of the Army, Walla Walla District COE, Walla Walla, WA.
- Ruggles, C. P., and D. G. Murray. 1983. A review of fish response to spillways. Can. Tech. Rept. Fish. and Aquat. Sci. No. 1172. 31p.
- Schoeneman, D. E., R. T. Pressey, and C. O. Junge, Jr. 1961. Mortalities of downstream migrant salmon at McNary Dam. Trans. Am. Fish Soc. 90:58-72.
- Skalski, J. R. 1992. Statistical review of the RMC tagging study. Prepared for Chelan County PUD, Wenatchee, WA.
- Turner, A. R., Jr., J. W. Ferguson, T. Y. Barila, and M. F. Lindgren. 1993. Development and refinement of turbine intake screen technology on the Columbia River. Pages 123-128. In K. Bates (ed.), Proc. Symp. Fish Passage Policy and Technology, Bioengg. Section, Amer. Fish. Soc., Portland, OR.